

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

A method for obtaining an acid gas stream having a pressure of from 3 to 30 bar by removal of acid gases from a fluid stream containing H_2S , the molar fraction of H_2S based on the total amount of acid gases being at least 50 mol%, the method comprising bringing the fluid stream into intimate contact with a liquid absorption medium, thus producing a fluid stream substantially freed from acid gases and an acid-gas-loaded liquid absorption medium; separating the fluid stream and the liquid absorption medium; separating, by heating and optionally by expansion or stripping, the liquid absorption medium into an acid gas stream and a regenerated liquid absorption medium; passing the regenerated liquid absorption medium into a heat exchanger and cooling it there by using part of its thermal energy to heat up the acid-gas-loaded liquid absorption medium; and recirculating the regenerated liquid absorption medium.